

$^9\text{Be}(^6\text{Li},\text{t}) \quad \underline{\textbf{1986As02}}$

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, J. E. Purcell and C. G. Sheu		NP A968, 71 (2017)	1-Jan-2017

1986As02: E=32 MeV, measured $\sigma(\theta)$, ^{12}C deduced ^3He cluster spectroscopic strength, L.

 ^{12}C Levels

E(level)	J^π	L	$C^2S (\times 10^{-2})$	Comments
0	0^+	1	13.28	
4.4×10^3	2^+	1,3		$C^2S(L=1)=0.72 \times 10^{-2}$, $C^2S(L=3)=9.08 \times 10^{-2}$.
7.7×10^3	0^+	1	22.16	
9.6×10^3	3^-	2,4		$C^2S(L=2)=5.74 \times 10^{-2}$, $C^2S(L=4)=24.54 \times 10^{-2}$.
10.8×10^3	1^-	0,2		$C^2S(L=0)=1.41 \times 10^{-2}$, $C^2S(L=2)=1.52 \times 10^{-2}$.
11.8×10^3	2^-	0,2		$C^2S(L=0)=1.02 \times 10^{-2}$, $C^2S(L=2)=1.14 \times 10^{-2}$.
12.7×10^3				
14.1×10^3	4^+	3	7.94	